EFFECTS SYSTEMS

Pocket-Sized Forward Entry Device

SYSTEM OVERVIEW

- Joint PFED is a multi-service (USA-USMC) program

- Pocket-Sized Windows CE System
    - Hardware Independent
    - C++ Based
    - Lightweight
    - Low Power

- Provides Core Forward Observer Capabilities

- Easy-to-Use Graphical Intuitive Interface

- Interoperable with AFATDS and Legacy FS Systems

- Compatible with Equipment in the Field
    - SINCGARS SIP and ASIP
    - PLGR
    - MELIOS MK-7 LASER Ranging Binos
    - Leica Vector 4 LASER Ranging Binos

- Uses Standard Two-Way Communications and Messaging
    - MIL STD 188-220   - TACFIRE FSK/NRZ
    - Army VMF/Joint VMF   - Bluetooth(Wireless)
    - Sensor Link Protocol (SLP)

- Subsequent releases to include SATCOM, Maps/SA, file transfer, and hands-free operations

LIGHTENING THE TRANSFORMATION LOAD OF THE DISMOUNTED WARRIOR

FED (AN/PSG-7)
11.4 Pounds with Batteries
10.7" x 7.7" x 2.6"

FED/LFED (AN/PSG-9)
8.3 Pounds with Batteries
9.7" x 7.0" 3.0"

PFED (AN/PSG-10)
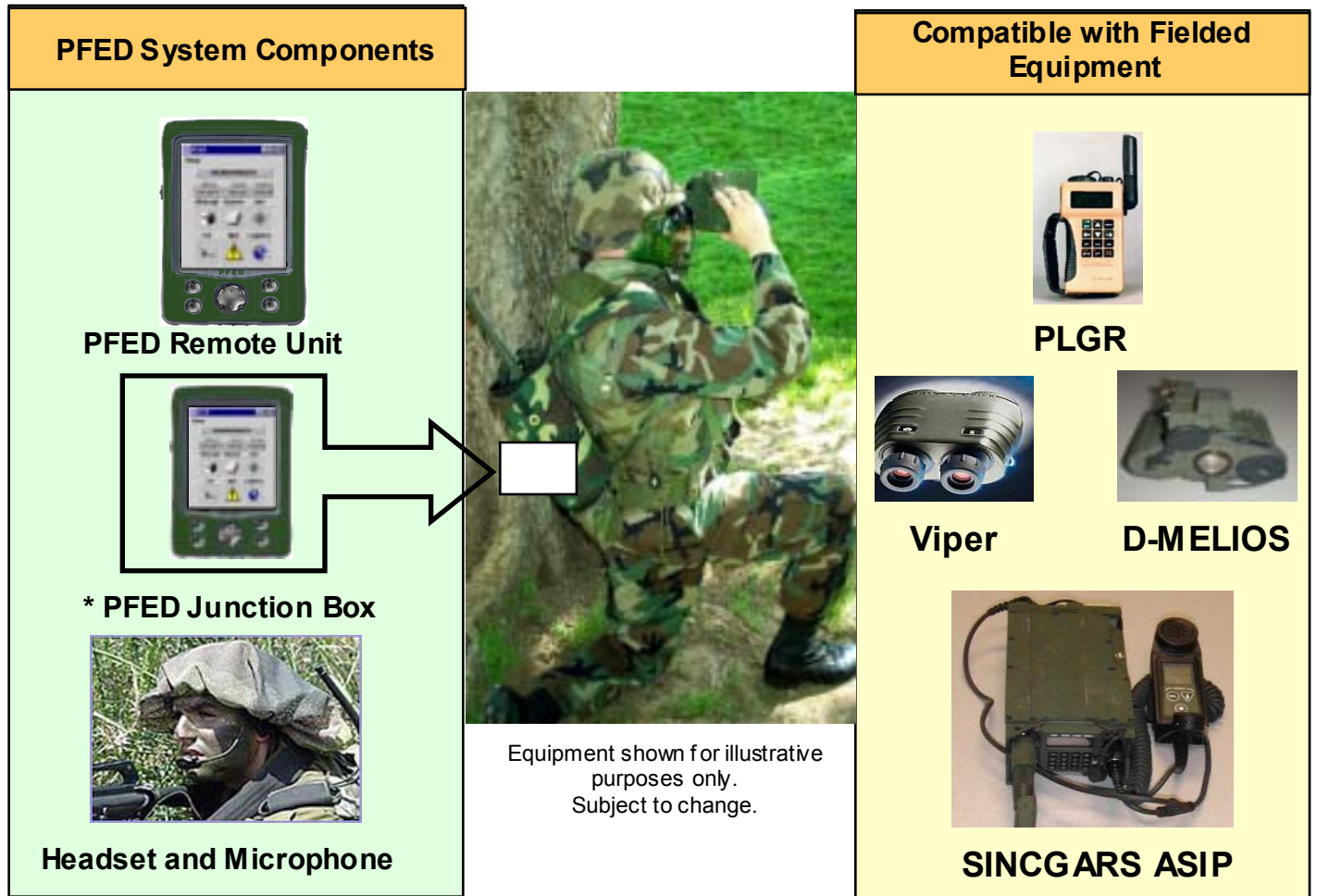**1.2 – 2.9 Pounds with Batteries**
5.75" x 3.5" x 1.5"

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POCKET-SIZED FORWARD ENTRY DEVICE

PFED System Components

PFED Remote Unit

* PFED Junction Box

Headset and Microphone

• Required until all peripherals are Bluetooth (wireless) enabled

Equipment shown for illustrative purposes only.
Subject to change.

Compatible with Fielded Equipment

PLGR

Viper

D-MELIOS

SINCGARS ASIP

PROGRAM STATUS / SCHEDULE

• Contract Awarded…………..……..1QFY01
• Initial User Evaluation……………..……2QFY02
• System Integration Completed….….…1QFY03
• Materiel Release………………....……3QFY03

PRIME CONTRACTORS

Software:
Booz | Allen | Hamilton Inc. (McLean, VA)

Hardware:
GENERAL DYNAMICS (Taunton, MA)

TALLA-TECH (Tallahassee, FL)

Tech Support by West Point

J-PFED

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